

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				ATTY DOCKET NO. JPP-1230CIP3B		APPLICATION NO. 10/633.612	
				APPLICANT(S) Karmaker et al.			
				GROUP ART UNIT 3732			

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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
CED ↓ ↓ ↓ CED	Re 34,439	11/9/1993	Heath				
	Re 35, 264	6/4/1996	Bennett				
	1,312,120	8/5/1919	Hurttt				
	4,425,094	1/10/1984	Tateoslan et al.				
	4,505,675	3/19/1985	Albert				

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
CED ↓ ↓ CED	US 2004/0248067 A1	12/9/2004	Lopez et al.				
	US 2004/0115589 A1	6/17/2004	Karmaker et al.				
	US 2003/0124483 A1	7/3/2003	Jia et al.				
	US 2003/0113686 A1	6/19/2003	Jia et al.				

FOREIGN PATENT DOCUMENTS								
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
						YES	NO	
CED ↓ ↓ ↓ CED	WO 93/14714	8/5/1993	PCT			✓		
	WO 2004/037214 A1	5/6/2004	PCT			✓		
	WO 00/67659	11/16/2000	PCT			✓		
	WO 02/078646	10/10/2002	PCT			✓		
	EP 0 539 751 A1	5/15/1993	Europe			✓		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
CED		PCT Written Opinion with date of mailing January 26, 2001.	
CED		Notification of Transmittal of the International Preliminary Examination Report with date of mailing January 24, 2005.	

EXAMINER <i>Cary E. Connor</i>	DATE CONSIDERED <i>12/2/03</i>
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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. JPP-1230CIP3B		APPLICATION NO. 10/633,612	
				Karmaker et al.			
				FILING August 1, 2003		GROUP ART 3732	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ced		4,518,356	5/21/1985	Green			
		4,538,989	9/13/1985	Apairo, Jr. et al.			
		4,682,949	7/28/1987	Warrin			
		4,721,735	1/26/1988	Bennett et al.			
ced		4,740,245	4/26/1988	Futami et al.			
U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ced		US 2004/0265783 A1	12/30/2004	Karmaker et al.			
		US 2002/0198283 A1	12/26/2002	Imai et al.			
		US 2003/0045604 A1	3/6/2003	Klee			
ced		US 2002/0147249 A1	10/10/2002	Klee et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
ced		PCT Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration with date of mailing April 1, 2005.					
ced		PCT International Search Report with date of mailing November 6, 2003.					
EXAMINER <i>Larry E O Connor</i>				DATE CONSIDERED <i>12/2/05</i>			
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CEO		4,746,292	5/24/1988	Johnson			
↓		4,758,156	7/19/1988	Johnson			
↓		4,758,156C1	11/5/2002	Johnson - Reexam Certificate			
↓		4,801,528	1/3/1989	Bennett			
CEO		4,820,152	4/11/1989	Warrin et al.			
U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CEO		US 2002/0072035 A1	6/13/2002	Hickok			
↓		US 2002/0142261 A1	10/3/2002	Van Den Houdt			
↓		US 2005/0069836 A1	3/31/2005	Jia et al.			
CEO		US 2005/0066854 A1	3/31/2005	Jia et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
CEO		PCT Written Opinion with date of mailing June 15, 2004.					
CEO		PCT Written Opinion with date of mailing November 5, 2004.					
EXAMINER <i>Cary E Connor</i>				DATE CONSIDERED <i>12/2/05</i>			
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LED		4,871,312	10/3/1989	Heath				
		4,882,407	11/21/1989	Rhazi				
		4,934,934	6/19/1990	Arpalo, Jr. et al.				
		4,936,775	6/26/1990	Bennett				
LED		4,950,697	8/21/1990	Chang et al.				
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
LED		US 2004/0249015 A1	12/9/2004	Jia et al.				
LED		US 2003/0207960 A1	11/6/2003	Jia				
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
LED		Product Information for TONE P757 POLYMER, Form No. 321.00050, Dow Chemical Company, December 2001.						
LED		Product Information for TONE P767 POLYMER, Form No. 321-00051, Dow Chemical Company, Decmeber 2001.						
EXAMINER <i>Carol O'Connor</i>				DATE CONSIDERED <i>12/2/05</i>				
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U.S. PATENT DOCUMENTS							
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Ceo		4,966,952	10/30/1990	Rlaza			
		4,986,754	1/22/1991	Chang et al.			
		5,106,298	4/21/1992	Heath et al.			
		5,149,268	9/22/1992	Johnson			
Ceo		5,161,973	11/10/1992	Johnson			

U.S. PATENT APPLICATION PUBLICATIONS							
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FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
Ceo			Product Information for TONE P787, POLYMER, Form No. 321-00052, Dow Chemical company, December 2001.
Ceo			Shipper G., Orstavik D., Teixeira FB., Trope M., "An Evaluation of Microbial Leakage in Roots Filled with a Thermoplastic Synthetic Polymer-Based Root Canal Filling Material(Resilon), Jurnal of Endodontics, Vol. 30, No. 5, May 2004, pgs. 342-347.

EXAMINER <i>Cary E O'Connor</i>	DATE CONSIDERED <i>12/2/05</i>
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>CEB</i>		5,190,702	3/2/1993	Johnson				
<i>1</i>		5,302,129	4/12/1994	Heath et al.				
<i>1</i>		5,380,200	1/10/1995	Heath et al.				
<i>1</i>		5,395,240	3/7/1995	Paschke et al.				
<i>CEB</i>		5,415,547	5/16/1995	Torabinejad et al.				
U.S. PATENT APPLICATION PUBLICATIONS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
<i>CEB</i>		Teixeira FB., Teixeira ECN, Thompson JY, Trope M., "Fracture Resistance of Roots Endodontically Treated with a New Resin Filling Material", JADA 2004; 135:646-652.						
<i>CEB</i>		Nahmias Y., Serota KS, Watson, Jr. WR, "Predictable Endodontic Success: Part II—Microstructural Replication", Oral Health Journal, December 2003.						
EXAMINER <i>Cary E O'Connor</i>				DATE CONSIDERED <i>12/02/05</i>				
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
CEW	5,464,362	11/7/1995	Heath et al.				
CEW	5,518,399	5/21/1996	Siurelli, Jr. et al.				
CEW	5,527,205	6/18/1996	Heath et al.				
CEW	5,540,766	7/30/1996	Castallani				
CEW	5,605,460	2/25/1997	Heath et al.				

U.S. PATENT APPLICATION PUBLICATIONS							
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FOREIGN PATENT DOCUMENTS								
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						YES	NO	

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			
CEW			Mounce R, Glassman G, "Bonded Endodontic Obturation: Another Quantum Leap Forward for Endodontics", Oral Health Journal, July 2004.
CEW			Chivian N, "Resilon – The Missing Link in Sealing the Root Canal", Compendium, Vol. 25, No. 10A, October 2004, pgs. 823-825.

EXAMINER <i>Cary E. Donato</i>	DATE CONSIDERED <i>12/2/05</i>
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
Ceb	5,624,259	4/29/1997	Heath et al.				
↓	5,624,976	4/29/1997	Klee				
↓	5,628,674	5/13/1997	Heath et al.				
↓	5,648,403	7/15/1997	Martin				
Ceb	5,653,590	8/15/1997	Heath et al.				

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Ceb			Barnett F, Trope M, "Adhesive Endodontics: Combining Technologies for Enhanced Success", Dentaltown, Vol. 5, Issue 8, August 2004, pgs. 34-38.
Ceb			Goff S, "Easier Endo, A DPR survey report", Dental Products Report, September 2004, pgs. 14-20.

EXAMINER <div style="font-family: cursive; font-size: 1.2em;">Cary ED Connor</div>	DATE CONSIDERED <div style="font-family: cursive; font-size: 1.2em;">12/2/05</div>
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CEB		5,655,950	8/12/1997	Heath et al.				
		5,713,736	2/3/1998	Heath et al.				
		5,741,139	4/21/1998	Sicurelli, Jr. et al.				
✓		5,762,497	6/9/1998	Heath				
CEB		5,762,541	6/9/1998	Heath et al.				
U.S. PATENT APPLICATION PUBLICATIONS								
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CEB		Shipper G, Teixeira FB, Arnold RR, Trope M, "periapical Inflammation after Coronal Microbial Inoculation of Dog Roots Filled with Gutta-Percha or Resilon", Jurnal of Endodontics, Vol. 31, No. 2, February 2005, pgs. 91-96.						
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<i>CD</i>		5,769,638	6/23/1998	Torabinejad et al.				
<i>1</i>		5,797,748	8/25/1998	Reynaud et al.				
<i>1</i>		5,807,106	9/15/1998	Heath				
<i>1</i>		5,816,816	10/6/1998	Scharf				
<i>CD</i>		5,915,970	6/29/1999	Sieurelli, Jr. et al.				
U.S. PATENT APPLICATION PUBLICATIONS								
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	Karmaker et al.	
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	August 1, 2003	3732

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
COB	5,921,775	7/13/1999	Buchanan			
	5,925,179	7/20/1999	Mannschedel			
	5,941,760	8/24/1999	Heath et al.			
	6,024,569	2/15/2000	Ohne et al.			
COB	6,074,209	6/13/2000	Johnson			

U.S. PATENT APPLICATION PUBLICATIONS

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EXAMINER	DATE CONSIDERED
Cary ED Connor	12/2/05

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CS	6,106,296	8/22/2000	Johnson				
	6,120,294	9/19/2000	Engelbrecht et al.				
	6,126,446	10/3/2000	Mannschedel				
↓	6,162,056	12/19/2000	Mannschedel				
CS	6,186,791	2/13/2001	Karmaker et al.				

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CLO	6,220,863	4/24/2001	Kamohara et al.				
	6,224,377	5/1/2001	Lleland et al.				
	6,261,099	7/17/2000	Senia et al.				
↓	6,264,471	7/24/2001	Martin				
CLO	6,267,597	7/31/2001	Kim				

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<i>CS</i>		6,287,122	9/11/2001	Seeram et al.				
<i>↓</i>		6,293,795	9/5/2001	Johnson				
<i>↓</i>		6,371,763	4/16/2002	Sicurelli Jr., et al.				
<i>↓</i>		6,455,608	9/24/2002	Jia et al.				
<i>CS</i>		6,461,420	10/8/2002	Ikuta				
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<i>ED</i>		6,472,454	10/29/2002	Qian				
		6,537,563	3/25/2003	Jia et al.				
		6,566,418	5/20/2003	Imai et al.				
		6,568,937	5/27/2003	Kamohara et al.				
<i>ED</i>		6,787,584	9/7/2004	Jia et al.				
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<i>CEB</i>		6,214,048	4/10/2001	Ito et al.				
		5,756,559	5/26/1998	Blackwell et al.				
		4,505,676	3/19/1985	Gosner				
<i>CEB</i>		5,088,927	2/18/1992	Lee				
<i>CEB</i>								
U.S. PATENT APPLICATION PUBLICATIONS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
EXAMINER <i>Cary E O'Connor</i>				DATE CONSIDERED <i>12/2/05</i>				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.